

REMARKS

Applicant acknowledges with appreciation the comments made by the Examiner during telephone conversations with the undersigned on August 28, 2003 and September 4, 2003

1. Amending Claims 23 and 28 to recite "the first implant physically contacting the capacitor contact region." To the extent implant 103b in Fig. 36 of Katayama might be deemed a first implant "in" the capacitor contact region, it is not an implant physically contacting the capacitor contact region as recited in amended Claims 23 and 28.

2. Adding new Claims 34-37 depending from allowed Claims 26 and 27.

Applicant notes also that implant 104 in Fig. 36 of Katayama is not narrower than implant 103b as required by Claim 30. Indeed, the trench structure shown in Fig. 36 of Katayama requires an implant 104 broader than implant 103b to provide electrical contact between the capacitor electrode at the bottom of the trench and implant 103b at the top of the trench. Hence, Katayama teaches away from the narrower implant required in Claim 30.

Respectfully submitted,



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